

**State Outcomes Measurement and Management System (SOMMS)
Subcontract**

**Quarter 2, 2006
Final Data Quality Assessment Report**

Sample State - Quarter 2, 2006

(Includes all data received through August 31 2006)

**State Outcomes Measurement and Management System (SOMMS) Subcontract
Quarterly Data Quality Assessment Report**

Sample State - Quarter 2, 2006

Table 1. Timeliness and completeness of data: Number of admission / discharge records received by calendar quarter according to date of admission / discharge, and 2006 records relative to projected volume. TEDS 2006.

Admissions									
Admission Date	2006 admissions to date	Records submitted within 60 days		Admission record receipt date				Completeness	
		#	%	# records Jan - May 2006	# records Jun - Aug 2006	# records Sep - Nov 2006	# records Dec 06 - Feb 07	Projected volume (2005 admissions)	% of 2006 admissions vs. 2005 admissions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Quarter 1 Jan 1 - Mar 31, 2006	3,603	3,225		3,225	378	0	0	3,303	109
Quarter 2 Apr 1- Jun 30, 2006	2,959	2,959		1,072	1,887	0	0	3,464	85
Quarter 3 Jul 1 - Sep 30, 2006	1,010	1,010		0	1,010	0	0	3,628	28
Quarter 4 Oct 1 - Dec 31, 2006	0	0		0	0	0	0	3,233	0
2006 Cumulative Total	7,572	7,194		4,297	3,275	0	0	13,628	56
Discharges									
Discharge Date	2006 discharges to date	Records submitted within 60 days		Discharge record receipt date				Completeness	
		#	%	# records Jan - May 2006	# records Jun - Aug 2006	# records Sep - Nov 2006	# records Dec 06 - Feb 07	Projected volume (2006 admissions)	% of 2006 discharges vs. 2006 admissions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Quarter 1 Jan 1 - Mar 31, 2006	2,878	2,454		2,454	424	0	0	3,603	80
Quarter 2 Apr 1- Jun 30, 2006	2,549	2,549		713	1,836	0	0	2,959	86
Quarter 3 Jul 1 - Sep 30, 2006	696	696		0	696	0	0	1,010	69
Quarter 4 Oct 1 - Dec 31, 2006	0	0		0	0	0	0	0	#DIV/0!
2006 Cumulative Total	6,123	5,699		3,167	2,956	0	0	7,572	81

Notes:

- **Admissions:** Includes initial admissions occurring in the quarter, regardless of whether a discharge record has been received. Transfers and Co-dependents are excluded.
- **Discharges:** Includes discharges occurring in the quarter, regardless of when the corresponding admission occurred or whether the admission record has been received. Co-dependents are excluded.
- **Column 4 percent:** This percent will be calculated when reported data are sufficiently complete to measure timeliness.
- **SOMMS Subcontract Criterion 1:** Greater than or equal to 80% of records received within 60 days of the end of the quarter. This percent will be calculated when the total number of records in column 2 is sufficiently complete to measure timeliness.
- **SOMMS Subcontract Criterion 5:** Admission volume greater than or equal to 90% of projected volume.
- **SOMMS Subcontract Criterion 6, 8:** Discharge volume greater than or equal to 90% of admissions volume for same quarter.

Source: Treatment Episode Data Set (TEDS), State SOMMS subcontract reporting under DASIS.

Prepared by: Syntectics for Management Decisions, Inc. under contract to SAMHSA/OAS, DASIS contract No. 283-02-9026.

Report processing date: September 2006

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Table 2. Discharge record match rate: Total discharge records and number and percent of discharge records that match an admission record, by discharge date. TEDS 2006.

Discharge date (1)	Total discharge records (2)	Discharge records matching an admission	
		# (3)	% (4)
Quarter 1 Jan 1 - Mar 31, 2006	2,878	2,850	99.0
Quarter 2 Apr 1 - Jun 30, 2006	2,549	2,510	98.5
Quarter 3 July 1 - Sep 30, 2006	696	440	63.2
Quarter 4 Oct 1 - Dec 31, 2006	0	0	0.0
2006 Cumulative Total	6,123	5,800	94.7

Notes:

- **Total discharge records:** Count includes all discharge records with a discharge date during the specified quarter, among records submitted to TEDS within 60 after the end of the quarter being assessed in this report.

Counts for earlier quarters may be updated with records submitted after the assessment dates for those quarters.

- **Match:** To be considered a match, the key fields on a discharge record must match the key fields on an admission or transfer admission record.

- **SOMMS subcontract Criteria 2 and 8:** At least 90% of discharge records match an admission record.

- **Source:** Treatment Episode Data Set (TEDS), State SOMMS subcontract reporting under DASIS.

- **Prepared by:** Synectics for Management Decisions, Inc. under contract to SAMHSA/OAS, DASIS contract No. 283-02-9026.

- **Report processing date:** September 2006

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Table 3. Admission records (excluding detox): Number and percent of admission records with unknown values, by TEDS data item, according to calendar quarter of admission. TEDS 2006

REQUIRED NATIONAL OUTCOME MEASURES (NOMS)	Quarter 1 Jan 1 - Mar 31, 2006		Quarter 2 Apr 1 - Jun 30, 2006		Quarter 3 Jul 1 - Sep 30, 2006		Quarter 4 Oct 1 - Dec 31, 2006		2006 Cumulative Total	
Admissions (excluding detox)	3,064	100%	2,500	100%	785	100%	0	100%	6,349	100%
	Unknown		Unknown		Unknown		Unknown		Unknown	
(1)	# (2)	% (3)	# (4)	% (5)	# (6)	% (7)	# (8)	% (9)	# (10)	% (11)
TEDS Admissions Minimum Data Set										
TYPE OF SERVICE	0	0	0	0	0	0	0	0	0	0
NO. PRIOR TREATMENT EPISODES	0	0	0	0	0	0	0	0	0	0
PRIMARY SOURCE OF REFERRAL	30	1	25	1	14	2	0	0	69	1
DATE OF BIRTH	0	0	0	0	0	0	0	0	0	0
SEX	0	0	0	0	0	0	0	0	0	0
RACE	0	0	0	0	0	0	0	0	0	0
ETHNICITY	0	0	0	0	0	0	0	0	0	0
EDUCATION	2	0	1	0	0	0	0	0	3	0
EMPLOYMENT STATUS	1	0	0	0	0	0	0	0	1	0
PRIMARY SUBSTANCE	0	0	0	0	0	0	0	0	0	0
SECONDARY SUBSTANCE	54	2	50	2	16	2	0	0	120	2
TERTIARY SUBSTANCE	30	1	25	1	8	1	0	0	63	1
ROUTE ADMINISTRATION (PRIMARY)	1	0	0	0	0	0	0	0	1	0
ROUTE ADMINISTRATION (SECONDARY)	54	2	50	2	16	2	0	0	120	2
ROUTE ADMINISTRATION (TERTIARY)	30	1	25	1	8	1	0	0	63	1
FREQUENCY OF USE (PRIMARY)	3	0	0	0	0	0	0	0	3	0
FREQUENCY OF USE (SECONDARY)	56	2	51	2	16	2	0	0	123	2
FREQUENCY OF USE (TERTIARY)	30	1	25	1	8	1	0	0	63	1
AGE AT FIRST USE (PRIMARY)	7	0	0	0	0	0	0	0	7	0
AGE AT FIRST USE (SECONDARY)	59	2	50	2	16	2	0	0	125	2
AGE AT FIRST USE (TERTIARY)	32	1	26	1	8	1	0	0	66	1
PLANNED USE OF METHADONE	0	0	0	0	0	0	0	0	0	0
TEDS Admissions Supplemental Data Set										
LIVING ARRANGEMENTS	0	0	0	0	0	0	0	0	0	0
DETAILED NOT-IN-LABOR-FORCE	2,147	70	1,789	72	540	69	0	0	4,476	70
ARRESTS IN PRIOR 30 DAYS	3,064	100	2,500	100	785	100	0	0	6,349	100

Notes:

- **Unknown:** Includes records with TEDS codes 97 (unknown) + 99 (invalid) + 98 (not collected).
- **Admissions:** Includes all non-detox admissions in the quarter, regardless of whether a discharge has taken place. Excludes transfers and co-dependents.
- **Highlighted data item:** State not scheduled to submit this variable in grey shaded quarters.
- **SOMMS subcontract Criterion 4:** Less than or equal to 5% unknown for original TEDS variables, or less than or equal 20% unknown for new NOMS.
- **Bold numbers:** Bold number indicates data exceed acceptable percent unknown.

Source: Treatment Episode Data Set (TEDS), State SOMMS subcontract reporting under DASIS.

Prepared by: Synectics for Management Decisions, Inc. under contract to SAMHSA/OAS, DASIS contract No. 283-02-9026.

Report Processing Date: September 2006

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Table 4(a). Discharge records (excluding detox) with reason for discharge "completed treatment" or "transferred": Number and percent of those discharge records with unknown values, by TEDS data item, according to calendar quarter of discharge. TEDS 2006

REQUIRED NATIONAL OUTCOME MEASURES (NOMS)	Quarter 1 Jan 1 - Mar 31, 2006		Quarter 2 Apr 1 - Jun 30, 2006		Quarter 3 Jul 1 - Sep 30, 2006		Quarter 4 Oct 1 - Dec 31, 2006		2006 Cumulative Total	
Discharges (completions/transfers) (excluding detox) (1)	1,163	100%	1,103	100%	270	100%	0	100%	2,536	100%
	Unknown		Unknown		Unknown		Unknown		Unknown	
	#	%	#	%	#	%	#	%	#	%
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
TEDS Discharge Minimum Data Set										
TYPE OF SERVICE AT DISCHARGE	0	0	0	0	0	0			0	0
DATE OF LAST CONTACT	0	0	0	0	0	0			0	0
DATE OF DISCHARGE	0	0	0	0	0	0			0	0
REASON FOR DISCHARGE	0	0	0	0	0	0			0	0
New Discharge NOMS										
PRIMARY SUBSTANCE	45	4	14	1	0	0			59	2
SECONDARY SUBSTANCE	65	6	32	3	0	0			97	4
TERTIARY SUBSTANCE	120	10	54	5	0	0			174	7
FREQUENCY OF USE (PRIMARY)	56	5	15	1	0	0			71	3
FREQUENCY OF USE (SECONDARY)	66	6	40	4	0	0			106	4
FREQUENCY OF USE (TERTIARY)	125	11	55	5	0	0			180	7
LIVING ARRANGEMENTS	1,163	100	1,103	100	270	100			2,536	100
EMPLOYMENT STATUS	23	2	5	0	0	0			28	1
DETAILED NOT IN LABOR FORCE	2	0	1	0	0	0			3	0
ARRESTS IN PRIOR 30 DAYS	1,163	100	1,103	100	270	100			2,536	100

Notes:

- **Unknown:** Includes records with TEDS codes 97 (unknown) + 99 (invalid) + 98 (not collected)
- **Discharge counts:** Includes non-detox discharges occurring in the quarter, regardless of when the admission occurred or whether the admission record has been received.
- **Completed treatment:** Includes discharge records with TEDS reason for discharge code 01 (completed treatment) and 04 and 14 (transferred.)
- **Highlighted data item:** State not scheduled to submit this variable in grey shaded quarters.
- **Bold numbers:** Bold number indicates data exceed acceptable percent unknown.
- **SOMMS subcontract Criterion 4:** Less than or equal to 5% unknown or less than or equal to 20% unknown for new NOMS.

Source: Treatment Episode Data Set (TEDS), State SOMMS subcontract reporting under DASIS.

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Table 4(b). Discharge records (excluding detox) with non-completion reasons for discharge (other than "completed treatment" or "transferred"): Number and percent of records with unknown values, by TEDS data item, according to calendar quarter of discharge. TEDS 2006

REQUIRED NATIONAL OUTCOME MEASURES (NOMS)	Quarter 1 Jan 1 - Mar 31, 2006		Quarter 2 Apr 1 - Jun 30, 2006		Quarter 3 Jul 1 - Sep 30, 2006		Quarter 4 Oct 1 - Dec 31, 2006		2006 Cumulative Total	
Discharges (non-completions) (excluding detox) (1)	1,176	100%	995	100%	179	100%	0	100%	2,350	100%
	Unknown		Unknown		Unknown		Unknown		Unknown	
	#	%	#	%	#	%	#	%	#	%
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
TEDS Discharge Minimum Data Set										
TYPE OF SERVICE AT DISCHARGE	0	0	0	0	0	0			0	0
DATE OF LAST CONTACT	0	0	0	0	0	0			0	0
DATE OF DISCHARGE	0	0	0	0	0	0			0	0
REASON FOR DISCHARGE	1	0	1	0	1	1			3	0
New Discharge NOMS										
PRIMARY SUBSTANCE	65	6	22	2	0	0			87	4
SECONDARY SUBSTANCE	55	5	102	10	0	0			157	7
TERTIARY SUBSTANCE	98	8	190	19	0	0			288	12
FREQUENCY OF USE (PRIMARY)	25	2	22	2	0	0			47	2
FREQUENCY OF USE (SECONDARY)	120	10	32	3	0	0			152	6
FREQUENCY OF USE (TERTIARY)	22	2	5	1	0	0			27	1
LIVING ARRANGEMENTS	1,176	100	995	100	0	0			2,171	92
EMPLOYMENT STATUS	56	5	55	6	0	0			111	5
DETAILED NOT IN LABOR FORCE	48	4	36	4	0	0			84	4
ARRESTS IN PRIOR 30 DAYS	1,176	100	995	100	0	0			2,171	92

Notes:

- **Unknown:** Includes records with TEDS codes 97 (unknown) + 99 (invalid) + 98 (not collected)
- **Discharge counts:** Includes non-detox discharges occurring in the quarter, regardless of when the admission occurred or whether the admission record has been received.
- **Treatment not completed:** Includes discharge records with TEDS reason for discharge codes other than 01 (completed treatment) and 04 and 14 (transferred.)
- **Highlighted data item:** State not scheduled to submit this variable in grey shaded quarters.
- **Bold numbers:** Bold number indicates data exceed acceptable percent unknown.
- **SOMMS subcontract Criterion 4:** Less than or equal to 5% unknown or less than or equal 20% unknown for new NOMS.

Source: Treatment Episode Data Set (TEDS), State SOMMS subcontract reporting under DASIS.

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State Outcomes Measurement and Management System (SOMMS) Subcontract Quarterly Data Quality Assessment Report

Table Definitions

This document describes the SOMMS quarterly data quality assessment tables, which will be provided to you each quarter that your State participates in the SOMMS State subcontracts with Synectics. The tables provide an assessment of your National Outcomes Measures (NOMS) data under the SOMMS subcontract criteria, for data received by Synectics within 60 days after the end of the most recent quarter. Your comments and questions regarding the tables will be welcomed and should be addressed to JimD@SMDI.com.

Table 1 – This table is intended to assess data timeliness and completeness. The specific SOMMS subcontract criteria addressed by this table are listed in the table footnotes. Please see other footnotes in the table for more information.

The top half of the table is for admission data and the bottom for discharge data. Transfers and co-dependents are excluded from admissions data counts.

- Column 1 - Calendar quarter in which the admission / discharge occurred.
- Column 2 - Total admissions/discharges received by Synectics to date and accepted into the TEDS database. [Calculated as the sum of columns 5 through 8.]
- Column 3 - The number of records received within 60 days of the end of the calendar quarter in which the admission or discharge occurred and accepted into the TEDS database. [This count is column 5 for the first quarter, columns 5+6 for the second quarter, columns 6+7 for the third quarter, and columns 7+8 for the fourth quarter.]
- Column 4 - The percent of records received within 60 days of the end of the calendar quarter in which the admission or discharge occurred and accepted into the TEDS database. [This percent is calculated as column 3/column 2, and will be presented when the column 2 total count is sufficiently complete to measure timeliness.]
- Column 5 - Number of records received from January through May 2006 and accepted into the TEDS database.
- Column 6 - Number of records received from June through August 2006 and accepted into the TEDS database
- Column 7-8 - Same as column 5-6 for dates indicated.
- Column 9 -
 - Top section - Number of 2005 admissions, which is used as the projected/expected number of 2006 admissions.
 - Bottom section - Number of 2006 admissions, which is used as the projected/expected number of 2006 discharges.
- Column 10 - Estimated percent complete reporting. [Percent calculated as column 2 / column 9.]

Table 2 – This table is intended to assess the rate at which discharge records received by Synectics can be matched to their corresponding admission records in the TEDS database. The specific SOMMS subcontract criteria addressed by this table are listed in the table footnotes. Please see other footnotes in the table for more information. Match rates lower than 90 percent are shown in bold type.

- Column 1 - Calendar quarter in which the discharge occurred.
- Column 2 - Total discharge records received and accepted into the TEDS database.
- Column 3 - Count of discharge records that matched an admission record during TEDS processing.
- Column 4 - Percent of discharge records that matched an admission record during TEDS processing. [Calculated as column 3 / column 2.]

Table 3 – This table is intended to assess the “percent unknown” for each required admission data item. Admissions to detoxification are excluded from this table. Data items not yet scheduled to be collected by a State are shown with grey highlighting for each quarter not yet collected. The specific SOMMS subcontract criteria addressed by this table are listed in the table footnotes. Please see other footnotes in the table for more information. Unknown values exceeding 5% for the existing Admission Minimum Data Set variables (20% for new NOMS) are shown in bold type.

- Column 1 - Specified data item.
- Column 2 - Number of admission records (excluding admissions to detoxification) with admission date during January-March 2006 that have “unknown” codes. This includes records with code 97 (unknown), 98 (not collected) and 99 (invalid code).
- Column 3 - Percent of admission records with “unknown” codes. [Calculated as column 2 / total admissions at top of column 2]
- Columns 4-5, 6-7, 8-9 - Same as columns 2 and 3 for subsequent quarters.
- Columns 10 - Cumulative totals for 2006 [sum of columns 2, 4, 6 and 8]
- Column 11 - Percent of cumulative admission records with “unknown” codes. [Calculated as column 10 / total admissions at top of column 10.]

Table 4(a) – This table is intended to assess the “percent unknown” for each required discharge data item among discharges **with Reason for discharge of “completed treatment” or “transferred.”** Discharges from detoxification are excluded from this table. Data not collected by a State are shown with grey highlighting for each quarter not collected. The specific SOMMS subcontract criteria addressed by this table are listed in the table footnotes. Please see other footnotes in the table for more information. Unknown values exceeding 5% for any of the 4 existing Discharge Minimum Data Set items at the top of the table, or exceeding 20% for any of the 10 new NOMS discharge items at the bottom of the table, are shown in bold type.

- Column 1 - Specified data item.
- Column 2 - Number of discharge records (excluding discharges from detoxification) with reason for discharge of “completed treatment” or “transferred” and discharge date during January-March 2006 that have “unknown” codes. This includes records with code 97 (unknown), 98 (not collected) and 99 (invalid code).
- Column 3 - Percent of discharge records with “unknown” codes. [Calculated as column 2 / total discharges at top of column 2.]

- Columns 4-5, 6-7, 8-9 - Same as columns 2 and 3 for subsequent quarters.
- Column 10 - Cumulative totals for 2006 [sum of columns 2, 4, 6 and 8].
- Column 11 - Percent of cumulative discharge records with “unknown” codes. [Calculated as column 10 / total discharges at top of column 10.]

Table 4 (b) – This table is intended to assess the “percent unknown” for each required discharge data item for discharges with *Reason for discharge that was not “completed treatment” or “transferred.”* Discharges from detoxification are excluded from this table. Since this table presents data for clients who left treatment before completion (drop-outs, etc.), the unknown rates for the discharge data items in this table are likely to be higher than the rates in Table 4(a) for clients who completed treatment. Therefore, the information in this table will not be used to determine SOMMS subcontract payment. It is presented for informational purposes only.

Data not collected by a State are shown with grey highlighting for each quarter not collected. The specific SOMMS subcontract criteria addressed by this table are listed in the table footnotes. Please see other footnotes in the table for more information. Unknown values exceeding 5% for any of the 4 existing Discharge Minimum Data Set items at the top of the table, or exceeding 20% for any of the 10 new NOMS discharge items at the bottom of the table, are shown in bold type.

- Column 1 - Specified data item.
- Column 2 - Number of discharge records (excluding discharges from detoxification) with reason for discharge that was **not** “completed treatment” or “transferred”, and discharge date during January-March 2006 that have “unknown” codes. This includes records with code 97 (unknown), 98 (not collected) and 99 (invalid code).
- Column 3 - Percent of discharge records with “unknown” codes. [Calculated as column 2 / total discharges at top of column 2.]
- Columns 4-5, 6-7, 8-9 - Same as columns 2 and 3 for subsequent quarters.
- Column 10 - Cumulative totals for 2006 [sum of columns 2, 4, 6 and 8].
- Column 11 - Percent of cumulative discharge records with “unknown” codes. [Calculated as column 10 / total discharges at top of column 10.]

Tables 3, 4(a) and 4(b) - Included in the “**unknown**” values for these tables are TEDS codes ‘97’ (unknown), ‘98’ (not collected) and ‘99’ (invalid). The invalid code is assigned during TEDS processing to any invalid data in the State’s submitted data, and the invalid code is noted in the error report sent to the State. See the TEDS State Instructions Manuals (Admission and Discharge) for complete information on valid data item codes.